Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for use in a computer system, operating in a peer-to-peer environment having a host peer and at least one non-host peer, and for ordering operation requests of the ~~peers~~ at least one non-host peer, the operation requests being one of a provided list of recognized operations which may be requested, comprising:

transmitting a first name table to the at least one non-host peer when the at least one non-host peer joins a session, the name table including a name table entry for each peer within the session, wherein each name table entry contains a version number corresponding to when each peer joined the session;

receiving, by the host peer, a first operation request from the provided list of recognized operations;

assigning, by the host peer, a first unique version number to the first operation request and a second name table;

transmitting the second name table including a first operation order to the at least one non-host peer in the session;

subsequently receiving, by the host peer, a second operation request from the provided list of recognized operations;

assigning, by the host peer, a second unique version number to the second operation request and a third name table, the second unique version number indicating a later receipt time than the first unique version number, such that the host peer evaluates relative arrival times of

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the first operation request and the second operation request based on the first unique version

number and the second unique version number; <u>and</u>

<u>transmitting the third name table including a second operation order to the at least one</u>

<u>non-host peer in the session.</u>

~~creating an operation order, the operation order being from the provided list of~~

~~recognized operations and being associated with at least one of the first operation request and the~~

~~second operation request;~~

~~assigning a third unique version number to the operation order; and~~

~~generating the first, second, and third unique version numbers from an indicator that~~

~~increments version numbers.~~

2.   (Previously Presented) The method of claim 1, further comprising processing, by the

host peer, the first and second operation requests in the order of the first unique version number

and the second unique version number.

Claims 3-5   (Canceled)

6.   (Currently Amended) A computer readable medium containing computer executable

instructions for performing a method for use in a computer system, operating in a peer-to-peer

environment having a host peer and at least one non-host peer, and for ordering operation

requests of the ~~peers~~ <u>at least one non-host peer</u>, the operation requests being one of a provided

list of recognized operations which may be requested, the method comprising:

transmitting a first name table to the at least one non-host peer when the at least one non-host peer joins a session, the name table including a name table entry for each peer within the session, wherein each name table entry contains a version number corresponding to when each peer joined the session;

receiving, by the host peer, a first operation request from the provided list of recognized operations;

assigning, by the host peer, a first unique version number to the first operation request and a second name table;

transmitting the second name table including a first operation order to the at least one non-host peer in the session;

subsequently receiving, by the host peer, a second operation request from the provided list of recognized operations;

assigning, by the host peer, a second unique version number to the second operation request and a third name table, the second unique version number indicating a later receipt time than the first unique version number, such that the host peer evaluates relative arrival times of the first operation request and the second operation request based on the first unique version number and the second unique version number; and

transmitting the third name table including a second operation order to the at least one non-host peer in the session.

creating an operation order, the operation order being from the provided list of recognized operations and being associated with at least one of the first operation request and the second operation request;

assigning a third unique version number to the operation order; and

~~generating the first, second, and third unique version numbers from an indicator that increments version numbers.~~

7. (Cancelled)

8. (Currently Amended) A method for use in a computer system, operating in a peer-to-peer environment having a host peer and at least one non-host peer, and for requesting operations of the host peer, the operations being one of a provided list of recognized operations which may be requested, comprising:

    receiving, by the at least one non-host peer, a first name table including a name table entry for each peer within a session, wherein each name table entry contains a version number corresponding to when each peer joined the session;

    sending, by the at least one non-host peer, at least one operation request from the provided list of recognized operations to the host peer;

    receiving, by the at least one non-host peer, a second name table including an operation order ~~and,~~ the second name table being assigned a first assigned unique version number associated with the operation request;

    determining whether the first assigned unique version number received is next in a sequence of version numbers processed by the at least one non-host peer, and if it is not, queuing the operation order until the first assigned unique version number is next in the sequence of version numbers processed by the at least one non-host peer; and

    processing, by the at least one non-host peer, the operation order in the order that the first assigned unique version number is in within the sequence of version numbers.

Claims 9-10   (Canceled)

11.   (Currently Amended) A computer readable medium containing computer executable instructions for performing a method for use in a computer system, operating in a peer-to-peer environment having a host peer and at least one non-host peer, and for requesting operations of the host peer, the operations being one of a provided list of recognized operations which may be requested, the method comprising:

receiving, by the at least one non-host peer, a first name table including a name table entry for each peer within a session, wherein each name table entry contains a version number corresponding to when each peer joined the session;

sending, by the at least one non-host peer, at least one operation request from the provided list of recognized operations to the host peer;

receiving, by the at least one non-host peer, a second name table including an operation order and, the second name table being assigned a first assigned unique version number associated with the operation request;

determining whether the first assigned unique version number received is next in a sequence of version numbers processed by the at least one non-host peer, and if it is not, queuing the operation order until the first assigned unique version number is next in the sequence of version numbers processed by the at least one non-host peer; and

processing, by the at least one non-host peer, the operation order in the order that the first assigned unique version number is in within the sequence of version numbers.

Claims 12-18 (Canceled)

129121v1

19. (Currently Amended) The method of claim 1, ~~further comprising assigning, by the host peer, a fourth unique version number to the at least one non-host peer, the fourth unique version number indicating when the at least one non-host peer joined a session and~~ wherein the version number is used to determine a subsequent host peer.

20. (Canceled)

21. (Currently Amended) The computer readable medium of claim 6, ~~further comprising assigning, by the host peer, a fourth unique version number to the at least one non-host peer, the fourth unique version number indicating when the at least one non-host peer joined a session and~~ wherein the version number is used to determine a subsequent host peer.

22. (Cancelled)

23. (Currently Amended) The method of claim 8, ~~further comprising receiving, by the non-host peer, a second assigned unique version number, the second assigned unique version number indicating when the non-host peer joined a session and~~ wherein the version number is used to determine a subsequent host peer.

24. (Canceled)

25. (Currently Amended) The computer readable medium of claim 11, ~~further comprising receiving, by the non-host peer, a second assigned unique version number, the second assigned unique version number indicating when the non-host peer joined a session and~~ wherein the version number is used to determine a subsequent host peer.

Claims 26-32 (Cancelled)

129121v1

33.   (New) The computer readable medium of claim 6, further comprising processing, by the host peer, the first and second operation requests in the order of the first unique version number and the second unique version number.

34.   (New) The method of claim 19, further comprising receiving, by the subsequent host, a fourth name table from the at least one non-host peer to identify any missing operation orders, the fourth name table corresponding to the highest version numbered name table processed by the at least one non-host peer.

35.   (New) The method of claim 34, further comprising transmitting an updated name table to the at least one non-host peer after the fourth name table is processed by the subsequent host.

36.   (New) The computer readable medium of claim 21, further comprising receiving, by the subsequent host, a fourth name table from the at least one non-host peer to identify any missing operation orders, the fourth name table corresponding to the highest version numbered name table processed by the at least one non-host peer.

37.   (New) The computer readable medium of claim 36, further comprising transmitting an updated name table to the at least one non-host peer after the fourth name tables is processed by the subsequent host.

38.   (New) The method of claim 23, further comprising receiving, by the subsequent host, a fourth name table from the at least one non-host peer to identify any missing operation orders,

the fourth name table corresponding to the highest version numbered name table processed by

the at least one non-host peer.

39.   (New) The method of claim 38, further comprising transmitting an updated name table to

the at least one non-host peer after the fourth name table is processed by the subsequent host.

40.   (New) The computer readable medium of claim 25, further comprising receiving, by the

subsequent host, a fourth name table from the at least one non-host peer to identify any missing

operation orders, the fourth name table corresponding to the highest version numbered name

table processed by the at least one non-host peer.

41.   (New) The computer readable medium of claim 40, further comprising transmitting an

updated name table to the at least one non-host peer after the fourth name table is processed by

the subsequent host.